

LATITUDE: 40°12'30" SURFACE HOLE (2000' SCALE) | 5,468'

10,192'

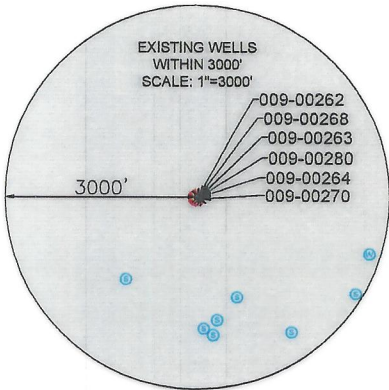
LATITUDE: 40°10'00" BOTTOM HOLE (2000' SCALE)



68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

LINE	BEARING	DISTANCE
L1	S60°48'07"E	2568.32'
L2	S53°11'58"E	2227.80'



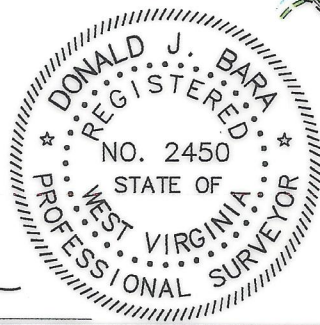
NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448992.19 EASTING: 537366.86
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448972.14 EASTING: 537713.95
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4444550.96 EASTING: 539476.88

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 2450



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

SAMUEL JONES BRK
OPERATOR'S WELL #: 10H
API WELL #: 47 STATE 009 COUNTY 00337 PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1204.0'

DISTRICT: BUFFLO COUNTY: BROOKE QUADRANGLE: BETHANY, WV

SURFACE OWNER: SAMUEL E. & JUDITH F. JONES ACREAGE: ±164.74

OIL & GAS ROYALTY OWNER: RESOURCE MINERAL HEADWATER I, LP ACREAGE: ±164.74

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

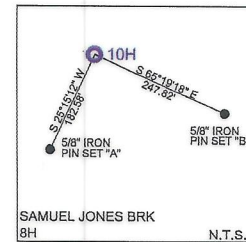
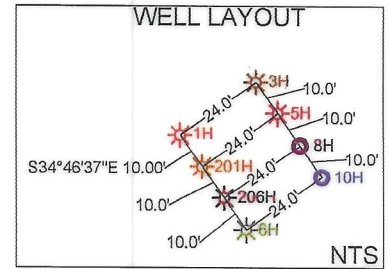
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,395' TMD 22,209' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL EXISTING WATER WELL EXISTING SPRING NATURAL WATERWAY SURVEYED BOUNDARY LEASE BOUNDARY PROPOSED PATH PUBLIC ROAD	REVISIONS:	DATE: 04-11-2023 API NO: 47-009-XXXX DRAWN BY: Z. WOOD SCALE: 1" = 2000' DRAWING NO: 2019-0265 WELL LOCATION PLAT
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LONGITUDE: 80°30'00" BOTTOM HOLE (2000' SCALE)
LONGITUDE: 80°32'30" SURFACE HOLE (2000' SCALE)



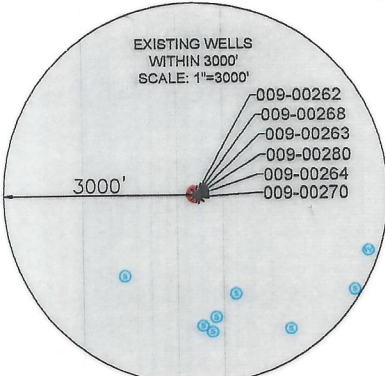
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LATITUDE: 40°10'00" BOTTOM HOLE (2000' SCALE)

JHA ENGINEERS SURVEYORS ENVIRONMENTAL GIS MAPPING
 Companies
 www.jhacompanies.com
 68011 Vineyard Road
 St. Clairsville, Ohio 43950
 740-695-6100

GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT

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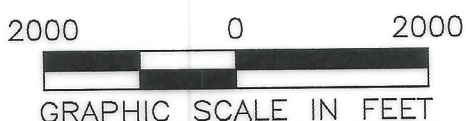
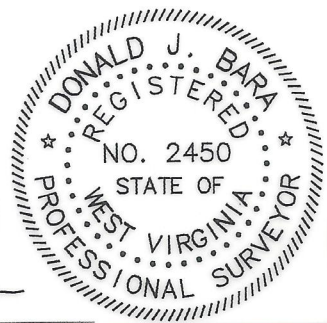


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COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

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ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	PRESLIE ROWAN LLC	3-B43-33
B	FONNER MARY LOU	3-B43-58
C	PUSKARICH TRACY T	3-B43-59
D	WV ST OF DEPT OF COMM DIV OF NAT RE WILDLIFE RES SEC	3-B43-62
E	HOGAN ANDREW P	3-B48-34
F	SMITH DEAN S	3-B48-32
G	CAMMARATA NICHOLAS J & JENNIFER C (SURV)	3-B48-25
H	LYCANS AUDIE	3-B48-26
I	WOOD RICHARD A JR & MELANIE (VOYTEK) (SURV)	3-B48-28
J	WOOD RICHARD A & MELANIE	3-B48-29
K	WOOD RICHARD A & MELANIE	3-B48-29
L	MCNICHOLAS JOHN WALTER III	3-B48-36
M	MCNICHOLAS JOHN WALTER III	3-B48-36
N	WALDEN DANIEL E & MARY VIRGNIA	3-B48-37
O	WALDEN DANIEL E & MARY VIRGNIA	3-B48-37
P	WEST VIRGINIA STATE OF - DIVISION OF NATURAL RESOURCES	3-B49-15
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Q	GRIMES DONALD; ANTHONY	3-B48-39
R	STATE OF WV CONSERVATION COMM DIV OF NAT RES PUB LAND CORP	3-L3-1
S	STATE OF WV CONSERVATION COMM	3-L3-1.1
T	PARRISH EDGAR	3-L6-2.2
U	ATKINSON GREGORY D; ET AL C/O JENNIFER TUCKER	3-L6-10.2
V	GEAR LURA MARIE	3-L6-9.1
W	COWAN CHERYL ANN	3-L6-21
X	MORMANIS GREGORY N AND SHARON LEE	3-L6-13
Y	TOMINACK JOHN I JR	3-L5-10
Z	ENNIS MARJORIE G	3-L5-8
AA	HAYS TIMOTHY R & THELMA C	3-L5-29
AB	COX CHAD & JULIE C	3-L2-12
AC	LEMASTERS G L JR	3-L2-12.1
AD	DEARING JEREMY R & TANYA N	3-L2-12.3
AE	BREITINGER MICHAEL	3-L2-11
AF	SONDA SCOTT, SONDA MARK	3-L2-2
AG	WINDSOR COAL COMPANY	3-L2-9
AH	SONDA SCOTT; SONDA MARK	3-L2-1
AI	STONE MARION P	3-B48-19
AJ	STONE MARC P	3-B48-17
AK	BOHACH JENNIFER LYNNE PYLE; SEIDEWITZ WENDY RAY PYLE (JTWS)	3-B48-18
AL	WINDSOR POWER HOUSE COAL CO	3-B48-21
AM	NORDEN ANNA MAE (TOD); NORDEN - SMITH KATHERINE ETAL	3-B48-22
AN	CHAMBERS CHARLOTTE A	3-B48-23
AO	NORDEN ANNA MAE (TOD)	3-B48-22
AP	CORWIN BRIAN DAVID	3-B43-22
AQ	BETHANY COLLEGE	3-B38-31
AR	AYERS ALBERT GLENN & REBECCA ANN (SURV)	3-B43-61
AS	OHARA MATTHEW JAMES; OHARA DEIRDRA (LIFE ESTATE)	3-L2-10

06/09/2023

REVISIONS:	4700900337

COMPANY:					
OPERATOR'S		SAMUEL JONES BRK		DATE: 04-11-2023	
WELL #:		10H		API NO: 47-009-XXXXX	
DISTRICT:		COUNTY:		SCALE:	
BUFFLO	BROOKE	STATE:	WV	N/A	
				DRAWING NO: 2019-0265	
				WELL LOCATION PLAT	